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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Bernd EHRENBURG and Matthias WERNICKE Conf. No.: 6701

Application No.: 09/624,731 Group Art Unit: 2128

Filed: July 25, 2000 Examiner: FREJD, RUSSELL W.

Patent No. US 6,879,941 B1

Date of Patent: April 12, 2005

For: PROCESS FOR PRODUCING A CONDUCTOR COMPRISING AT
LEAST ONE CABLE BUNDLE

Attorney Docket No.: 3926.009

Customer Number: 000041288

Certificate
MAY 13 2005
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
PURSUANT TO 37 CFR 1.323

Mail Stop Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Attached in duplicate is Form PTO-1050 with at least one copy being suitable for printing.
2. The exact page and line number where the error occurs in the application is:
3. (73) Assignee:

DaimlerChrysler, AG (DE)

05/12/2005 AWONDAF1 00000129 160877 6879941

01 FC:1811 100.00 DA

MAY 16 2005

should read as:

(73) Assignee:

Avanion GMBH, (DE)

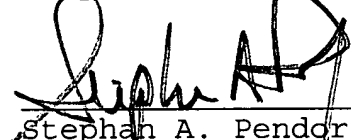
Attached herewith is a copy of the first page of the Patent dated April 12, 2005.

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Respectfully submitted,


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Date: **May 9, 2005**

U.S. Patent Application No. 09/624,731

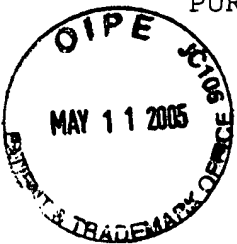
Patent No.: US 6,879,941 B1

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REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT

PURSUANT TO 37 CFR 1.323

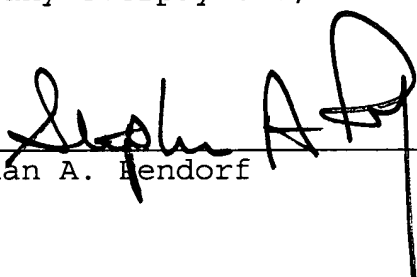
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CERTIFICATE OF MAILING AND AUTHORIZATION TO CHARGE

I hereby certify that the foregoing REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT PURSUANT TO 37 CFR 1.323 for U.S. Application No. 09/624,731, filed July 25, 2000, was deposited in first class U.S. Mail, postage prepaid, Mail Stop Certificate of Corrections Branch, P.O. Box 1450, Alexandria, VA 22313-1450 on May 9, 2005.

The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization or credit any overpayment, to Deposit Account No. 16-0877.



Stephan A. Hendorf

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6879941

DATED : April 12, 2005

INVENTOR(S) : Bernd EHRENBURG and Matthias WERNICKE

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

(73) Assignee:
Avanion GMBH, (DE)

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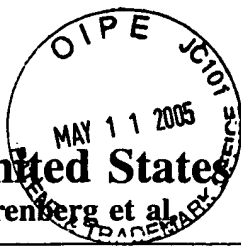
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(12) **United States Patent**
Ehrenberg et al.

(10) **Patent No.:** **US 6,879,941 B1**
(45) **Date of Patent:** **Apr. 12, 2005**

(54) **PROCESS FOR PRODUCING A
CONDUCTOR COMPRISING AT LEAST ONE
CABLE BUNDLE**

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(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 816 days.

(21) **Appl. No.:** **09/624,731**

(22) **Filed:** **Jul. 25, 2000**

(30) **Foreign Application Priority Data**

Jul. 28, 1999 (DE) 199 35 422

(51) **Int. Cl.⁷** **G06F 17/50**

(52) **U.S. Cl.** **703/1; 52/741.1; 123/195 A;
174/68.1; 361/826**

(58) **Field of Search** **703/1; 52/741.1;
174/86; 123/41.01, 195 A; 361/826**

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(57) **ABSTRACT**

A process for designing a cable wiring path, or producing a cable interconnection layout in the form of one or more cable bundles is proposed, wherein electrical, electromagnetic and mechanical incompatibles of proposed changes can be detected early and overcome as necessary, in certain cases by multiple iterative checking and changing of transmission line paths within a mechanical structure. By data exchange between specialized programs for mechanical characteristics on the one hand and electrical characteristics on the other hand and, in certain cases, multiple data dialogs, a cable harness in the form of one or more cable bundles can be designed in short time taking into consideration the two very different types of requirements.

25 Claims, 2 Drawing Sheets

